(54) Title: MULTITRACK OPTICAL DISC READER

(57) Abstract: A multitrack optical disc reader (1) is disclosed comprising a multitrack optical pick up (11) for reading data from multiple tracks of an optical disc (10) and outputting the data from each track in respective data streams, and multiple first-in-first-out (FIFO) memories (21) for temporarily storing the data streams. In accordance with the present invention, wherein the pickup may selectively output data streams from less than the maximum number of tracks that can be read by the pickup, the multiple FIFO memories are provided in a common memory bank, and when less than the maximum number of tracks are being read by the pickup, the size of at least one FIFO memory in use is greater than the total available FIFO memory in the common memory bank divided by the maximum number of tracks that can be read by the pickup.